



SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

CTO: _____

Bldg./Site: _____

Project Name: Lasher St

Boring Number: <u>SP-GW-04</u>	Date Started: <u>1-11-17</u>
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push/Hand Auger/ Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Date Completed: <u>1-11-17</u>
Outer Diameter of Boring:	Logged By: <u>SS + JM</u>
Inner Diameter of Well Casing:	Drilling Subcontractor: <u>STERN</u>
Depth to Water (feet bgs): <u>17</u>	Driller: <u>Tom + Gary</u>
Location Sketch:	

Non-Responsive

Borneman Ave
20' N
↑

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1040	5	5ft				6 in Fill, small gravel, dark brown 1 ft Silty sand, dk brown, trace coarse sand, moist fine sand w/ trace sm. gravel, reddish brown, moist	SP/sm		
1045	10	5ft				8.5 ft med. sand w/ few sm. gravel, tan, moist well graded	SP		
1050	15	5ft				11 ft fine sand w/ few coarse grains, reddish brown, moist, 2 in dk brown lens, poorly graded.	SP		
1055	17	5ft				13.5 ft coarse sand w/ few sm gravel, tan, well graded, moist	SW		



SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

CTO: _____

Bldg./Site: _____

Project Name: Lusher St.

Boring Number: <u>SP-GW-05</u>	Date Started: <u>1-11-17</u>
Drilling Method: (Circle one) HSA Continuous Core <u>Direct-Push</u> Hand Auger/ Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Date Completed: <u>1-11-17</u>
Outer Diameter of Boring:	Logged By: <u>SS + JM</u>
Inner Diameter of Well Casing:	Drilling Subcontractor: <u>STEARNS</u>
Depth to Water (feet bgs): <u>17ft</u>	Driller: <u>Tom + Gary</u>
Location Sketch:	

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1320	5	5ft	100%			win fill, gravel, grey, roots Fine sand w/ trace sm. gravel, red brown, moist, large roots present, poorly graded	SP		
1325	10	5ft	100%			8.5 ft Fine sand w/ little coarse sand & gravel, moist red to light brown, well graded, dk brown to black lenses at 4.5ft + 9ft depths	SW		
1330	15	5ft	100%			12 ft Fine sand w/ trace gravel, tan, moist, poorly graded	SP		
1335						13 ft med. sand with little sm. gravel, poorly graded, tan moist	SP		



SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

CTO: _____

Bldg./Site: _____

Project Name: Lusher st.

Boring Number: <u>SP-GW-06</u>	Date Started: <u>1-11-17</u>
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push/Hand Auger/ Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Date Completed: <u>1-11-17</u>
Outer Diameter of Boring:	Logged By: <u>SS + JM</u>
Inner Diameter of Well Casing:	Drilling Subcontractor: <u>Stearns drilling</u>
Depth to Water (feet bgs): <u>16</u>	Driller: <u>Tom + Gary</u>
Location Sketch:	

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1530						ftt Fill material, dk brown/black - roots, leaves, gravel			
	5					Fine sand with trace coarse sand/fine gravel poorly graded moist reddish-brown color	SP		
1535									
	10					9.5 medium sand w trace small gravel red-brown	SP		
						10.5 fine sand, poorly graded, red-brown, moist.	SP		
						11.5 1 inch dk brown "lens". Fine sand, poorly graded	SP		
1540						medium to coarse sand w little small gravel light brown tan	SW		
	15					moist			
1545						poorly graded ftk			
	16								



SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

CTO:

Bldg./Site:

Project Name: WISHER ST

Boring Number: <u>SP-GW-007</u>	Date Started: <u>11/13/17</u>
Drilling Method: (Circle one) HSA Continuous Core/ <u>Direct-Push</u> / Hand Auger/	Date Completed: <u>11/13/17</u>
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: <u>SS+Jm+cm</u>
Outer Diameter of Boring:	Drilling Subcontractor: <u>Stearns</u>
Inner Diameter of Well Casing:	Driller: <u>Tom + Gary</u>
Depth to Water (feet bgs): <u>16.5</u>	Location Sketch:

20th ST
BORNEMAN ST
ALLEY
LEININGER ST

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
08.15	5	5ft	4ft 80%			6 in dk brown Fill 10 YR 4/4 (dark yellowish brown) fine sand. red brown. moist Trace small gravel. Poorly-graded	SP		
08.20	10	5'	0' 0%			NO RECOVERY			
08.25	15	5'	0' 0%						
	16.5								



SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

CTO: _____

Bldg./Site: _____

Project Name: Lusher St

Boring Number: <u>SP-GW-08</u>	Date Started: <u>1-12-17</u>
Drilling Method: (Circle one) HSA Continuous Core/ <u>Direct-Push</u> / Hand Auger/ Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Date Completed: <u>1-12-17</u>
Outer Diameter of Boring:	Logged By: <u>JM + SS</u>
Inner Diameter of Well Casing:	Drilling Subcontractor: <u>Stearns drilling</u>
Depth to Water (feet bgs): <u>16.5</u>	Driller: <u>Tom + Gary</u>
Location Sketch:	

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
0945	5	5ft	3.5ft			Fill, gravel, roots, dk brown - gray	Fill		
	5					Fine sand w/ trace fine sm gravel reddish brown, moist, poorly graded			
0950	10	5ft	4ft			6.5' small black lense w/odor within the fine sand unit	SP		
0955	15	5ft	3ft			12.5' Fine sand w/ few sm. gravel, tan, moist	SP		
1000	16.5	5ft	3.5ft			14ft med-coarse sand w/ few sm. gravel, moist, well graded	SW		
						16.5'			